

# Work Order ID 132142

**\*132142\***

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April-28-15 10:41:32 AM

Item ID: D4121-3 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Hose Assy

Start Date: 4/28/15 Start Qty: 6.00 **\*6\*** Cust Item ID:  
 Required Date: 5/05/15 Req'd Qty: 6.00 **\*6\*** Customer:

## Reference:

Approvals: Process Plan: W Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D4121    | D            |

100 PURCHASING 0.00

**\*100\***

Purchasing

Purchasing

### Memo

Create D2729-1 label and include with W/O  
 Issue P/O: 28287  
 Hose Assembly as per Dwg D4121  
 Possible Supplier: API  
 Material release note is required

0.00

CY APR 28 2015 6

110 Receive & Inspect for Damage & Mat'l Certs 0.00

**\*110\***

Packaging

Packaging

### Memo

Ensure Material Release Note is attached

0.00

lex SP 15-05-04



# Work Order ID 132142

**\*132142\***

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April-28-15 10:41:32 AM

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                            | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|-----------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 150                            | Identify as per dwg & Stock Location: <u>St 213</u> | 0.00                 |         |        |              | 6             | 27            |                  |                |
| <b>*150*</b>                   |                                                     |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                                | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |                                                     |                      |         |        |              |               |               |                  |                |
| 160                            | QC21- Final Inspection - Work Order Release         | 0.00                 |         |        |              |               |               |                  |                |
| <b>*160*</b>                   |                                                     |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                                | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |                                                     |                      |         |        |              |               |               |                  |                |

DAS  
27  
MAY 06 2015

MLS MAY 06 2015

MLS MAY 06 2015

April-28-15 10:41:29 AM

**Work Order ID:** 132142

**\*132142\***

**Parent Item:** D4121-3

**\*D4121-3\***

**Parent Item Name:** Hose Assy

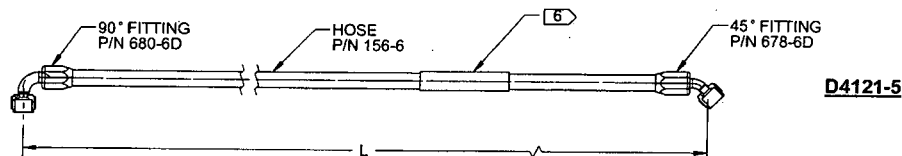
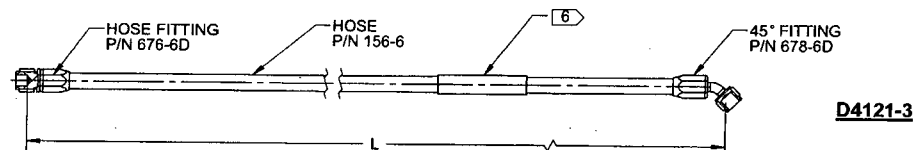
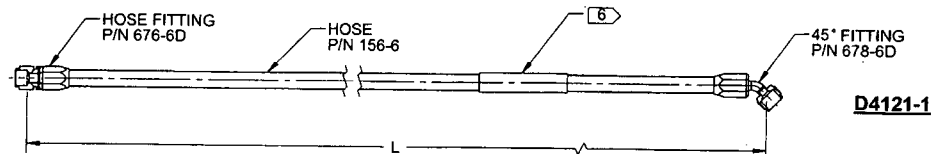
**Start Date:** 4/28/15**Required Date: 5/05/15****Start Qty: 6.00**

**Required Qty: 6.00**

**Comments:** IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP  
REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C  
11.11.16 AS PER DWG REV.D DD VERF:EC

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty          | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------------|---------------|----------------|--------|
| 156003-6D0590                   |                        | Purchased     | No          |                     |                  | 110             | Each               | 0.0000         | 1           | 6                     |               |                |        |
| <b>*156003-6D0590*</b>          |                        |               |             |                     |                  |                 |                    |                | <b>**</b>   | <u>Lex SP15-05-04</u> |               |                |        |
| Hose Assembly                   |                        |               |             |                     |                  |                 |                    |                |             |                       |               |                |        |
| D2182-045                       |                        | Manufactured  | No          |                     |                  | 130             | Each               | 0.0000         | 1           | 6                     |               |                |        |
| <b>*D2182-045*</b>              |                        |               |             |                     |                  |                 |                    |                | <b>**</b>   | <u>6x B 112922</u>    |               |                |        |
| Heat Shrink 4.5" Long           |                        |               |             |                     |                  |                 |                    |                |             |                       |               |                |        |
| D2729-1                         |                        | Manufactured  | No          |                     |                  | 130             | Each               | 0.0000         | 0           | 0                     |               |                |        |
| <b>*D2729-1*</b>                |                        |               |             |                     |                  |                 |                    |                | <b>**</b>   | <u>MAY 06 2015</u>    |               |                |        |
| Part Id Label (Re-Issue)        |                        |               |             |                     |                  |                 |                    |                |             |                       |               |                |        |
|                                 |                        |               |             |                     |                  |                 |                    |                |             | <b>DAS</b>            |               |                |        |
|                                 |                        |               |             |                     |                  |                 |                    |                |             | <b>28</b>             |               |                |        |
|                                 |                        |               |             |                     |                  |                 |                    |                |             | <b>9-89</b>           |               |                |        |

| HOSE SPECIFICATION |                 |            |        |
|--------------------|-----------------|------------|--------|
| DART P/N           | STRATOFLEX P/N  | VENDOR     | L      |
| D4121-1            | 156003-6D0274   | API/ AVIAL | 27.50  |
| D4121-3            | 156003-6D0590   | API/ AVIAL | 59.00  |
| D4121-5            | 156062D1054D000 | API/ AVIAL | 105.50 |



**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

**RELEASED**  
2011-11-16

|            |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                     |              |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| D          | P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)                                                                                                                         | RF                                                                                                                                                                                                                                                                                                  | 11.11.14     |
| C          | ADD P/N 156062D1054D000 TO D4121-5                                                                                                                                    | RF                                                                                                                                                                                                                                                                                                  | 11.07.27     |
| B          | P/N 676-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8 | RF                                                                                                                                                                                                                                                                                                  | 11.03.07     |
| A          | NEW ISSUE                                                                                                                                                             | RF                                                                                                                                                                                                                                                                                                  | 10.09.16     |
| REV.       | DESCRIPTION                                                                                                                                                           | BY                                                                                                                                                                                                                                                                                                  | DATE         |
| DESIGN     | RF                                                                                                                                                                    | <b>DART AEROSPACE USA, INC.</b><br>KENT, WA                                                                                                                                                                                                                                                         |              |
| DRAWN      | RF                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |              |
| CHECKED    | <i>[Signature]</i>                                                                                                                                                    | DRAWING NO.                                                                                                                                                                                                                                                                                         | REV. D       |
| MFG. APPR. | <i>[Signature]</i>                                                                                                                                                    | D4121                                                                                                                                                                                                                                                                                               | SHEET 1 OF 1 |
| APPROVED   | <i>[Signature]</i>                                                                                                                                                    | TITLE                                                                                                                                                                                                                                                                                               | SCALE        |
| DE APPR.   | <i>[Signature]</i>                                                                                                                                                    | HOSE ASSEMBLIES                                                                                                                                                                                                                                                                                     | NTS          |
| DATE       | 11.11.14                                                                                                                                                              | <small>COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.<br/>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small> |              |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28287**

Purchase Order Date 4/28/2015

PO Print Date 4/28/2015

Page Number 1 of 2

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:** FedEx Overnight collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

EXW - (Ex Works)

| Line Nbr | Reference<br>Vendor Part Number<br>Line Comments<br>Delivery Comments | Description/<br>Mfg ID | Req Date/<br>Taxable<br>Promise Date | CD | Req Qty/<br>Unit of<br>Measure | PO Unit Price      | Extended<br>Price |
|----------|-----------------------------------------------------------------------|------------------------|--------------------------------------|----|--------------------------------|--------------------|-------------------|
| 1        | 156003-6D0274<br><br>AS PER DWG D4121 REV. D<br>B132053               | Hose Assembly          | 5/5/2015<br>Yes<br>5/5/2015          |    | 12.00<br>Each                  | \$192.19           | \$2,306.28        |
|          |                                                                       |                        |                                      |    |                                | <b>Line Total:</b> | <b>\$2,306.28</b> |
| 2        | 156003-6D0590<br><br>AS PER DWG D4121 REV. D<br>B132142               | Hose Assembly          | 5/5/2015<br>Yes<br>5/5/2015          |    | 6.00 ✓<br>Each                 | \$238.32           | \$1,429.92        |
|          |                                                                       |                        |                                      |    |                                | <b>Line Total:</b> | <b>\$1,429.92</b> |
| 3        | 156062D1054D000<br><br>AS PER DWG D4121 REV. D<br>B132143             | Hose Assembly          | 5/5/2015<br>Yes<br>5/5/2015          |    | 6.00<br>Each                   | \$427.60           | \$2,565.60        |

**PO Instructions:** Fedex Acc#151793240

**Note:**

4/28/2015



Hose Shop 2755 Regent Blvd. DFW Airport 75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

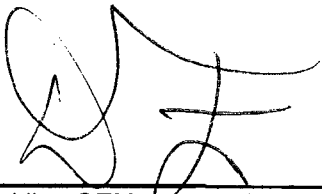
It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1001174616

Part Numbers:

1. 156062D1054D000 6EA.
2. 156003-6D0590 6EA.
3. 156003-6D00274 12EA.

Sp 15-05-4

Signed: 

Date: 4-30-15

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001